

INSIGHTS OUTREACH

NAVIGATING DHS S&T
OPPORTUNITIES

Building Partnerships Through Innovation & Collaboration

September 7, 2021

presented by the Department of Homeland Security Science & Technology Directorate



Homeland
Security

Science and Technology

Office of Innovation & Collaboration

Partnerships and Leveraged R&D

Domestic and international partners utilized to advance cutting-edge solutions in shared technical challenges



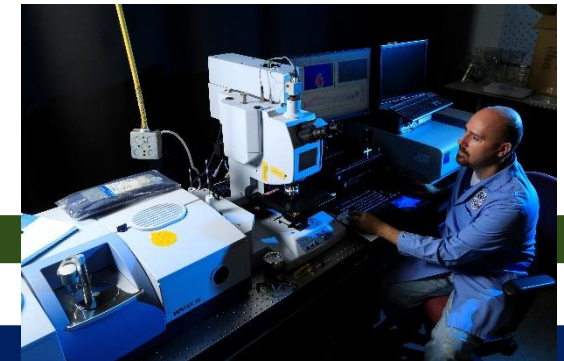
Enduring Research Capabilities

Innovative consortia of academia and industry performing basic and applied, and short and long-term research



Laboratory Infrastructure and Utilization

Laboratory-based RDT&E network that enables a broad range of scientific capabilities



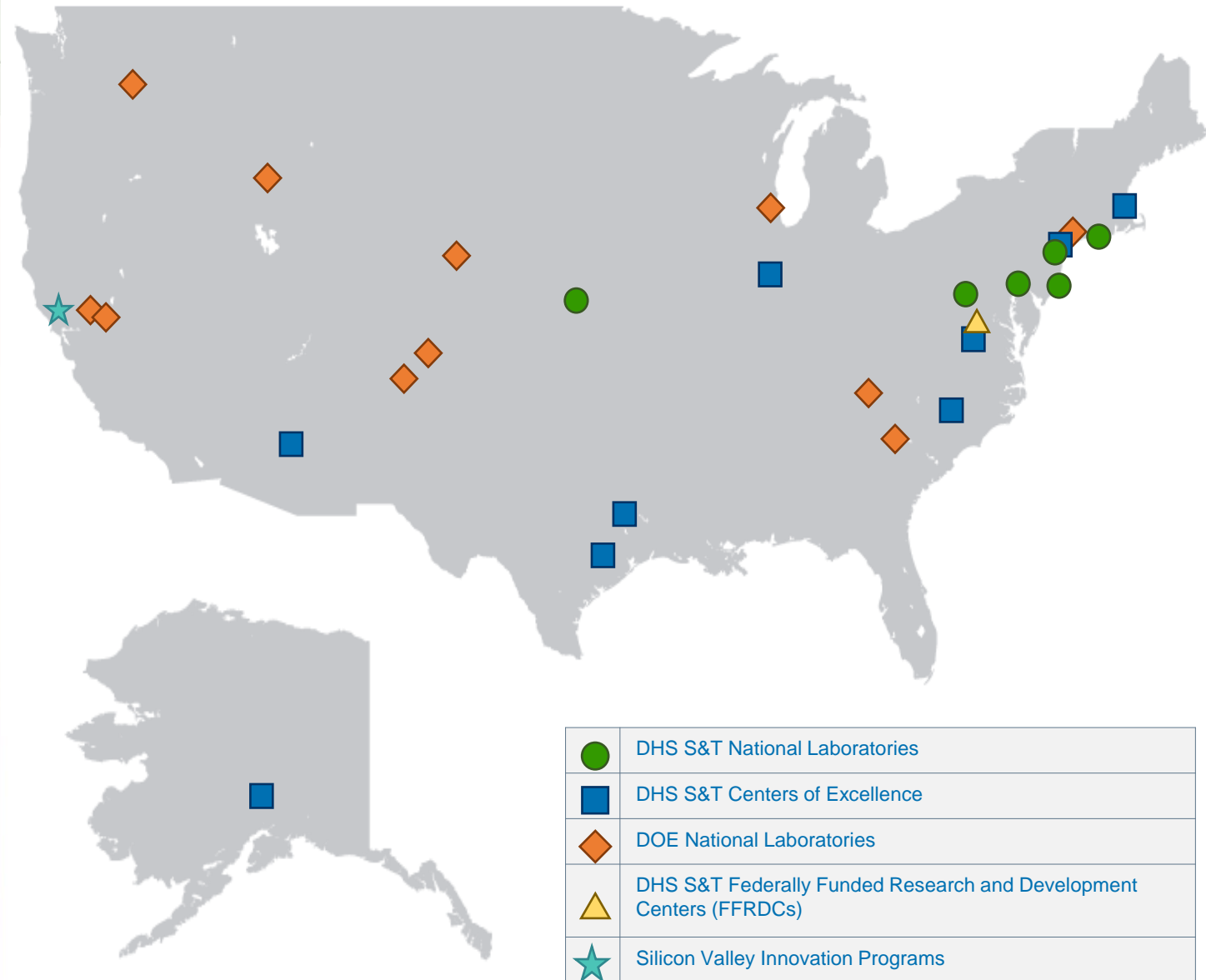
International Partners

Australia	New Zealand
Canada	Singapore
France	South Korea
Germany	Spain
Israel	Sweden
Mexico	United Kingdom
Netherlands	

Multilateral Organizations

- European Commission
- NATO, Science for Peace & Security Programme
- 5RD
- Quadrilateral Group on Chemical, Biological, and Radiological Counter-Terrorism

S&T's Innovation & Collaboration Network



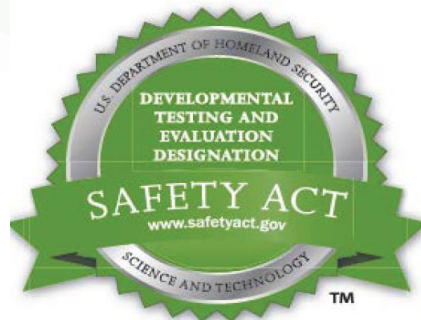
SAFETY ACT | Overview

- Congressionally enacted as part of the Homeland Security Act of 2002 (specifically in HS PUBLIC LAW 107-296, section 861 within Title VIII, subtitle G)
- Provides legal liability protections for *Sellers of qualified anti-terrorism technologies (QATTs) that could save lives in the event of a terrorist attack
- Protections arising out of or relating to an Act of Terrorism when SAFETY Act approved technologies have been deployed
- DHS Secretary gives S&T the responsibility of executing this program (except the authority to declare an Act of Terrorism)

*Seller - any person, firm, or other entity that provides a QATT to customer(s) and to whom SAFETY Act protection has been issued



SAFETY ACT | Available Protections



Limitations on the use and deployment
Limited term

Liability protections associated apply only to acts that occur during the term



Liability cap
Exclusive action in federal court
No joint and several liability for non-economic damages
No punitive damages or prejudgment interest



All benefits of Designation plus...

Assert Government Contractor Defense

Placed on SAFETY Act's Approved Products list for Homeland Security

PROTECTION	<p>LIABILITY CAP only for identified test event(s) and for limited duration (≤ 3 yrs)</p>	<p>LIABILITY CAP for deployments made during the term of Designation</p>	<p>GOVERNMENT CONTRACTOR DEFENSE (GCD) for deployments made during the term of Certification</p>
EFFECTIVENESS EVALUATION	<p>Needs more proof, but potential exists</p>	<p>Proven effectiveness (with confidence of repeatability)</p>	<p>Consistently proven effectiveness (with high confidence of enduring effectiveness)</p>

DIVERSE PERSPECTIVES + SHARED GOALS = POWERFUL SOLUTIONS

SAFETY ACT | Technology Categories

SAFETY Act Quick Facts



During FY18- F20, S&T has completed evaluations of 13 NFL stadiums, 4 MLB ballparks, and two venues that host NBA games.



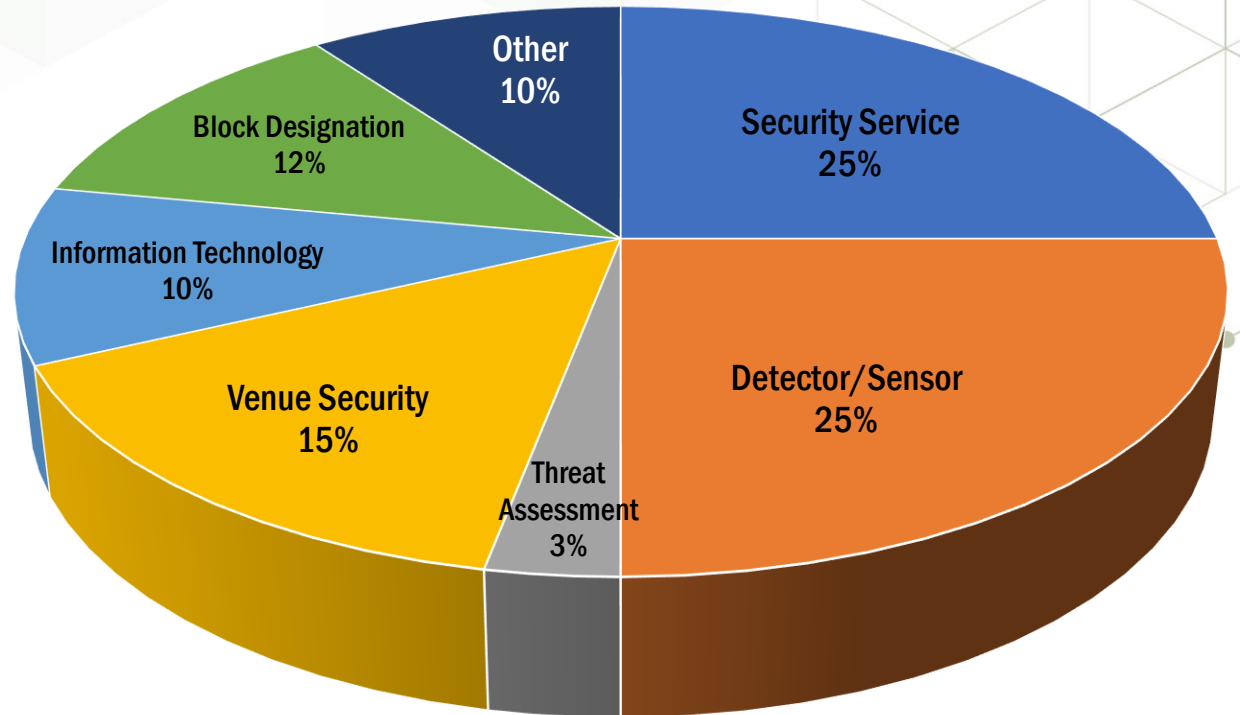
Projected technology revenue from FY18-20 of over \$12B, impacting over 300K jobs



Over 1,100 applications approved



Three national professional sports leagues (NFL, MLB, NBA) have received protections for their league-wide security best practices that are disseminated to each team/venue



SAFETY ACT | Outreach and Engagement

Consulting Discussions

The Office of SAFETY Act Implementation (OSAI) regularly engages with consultants and prospective applicants on a variety of discussions related to pre-application submission and pre-application review.

Pre-Application Review

A pre-application is a voluntary means through which OSAI provides helpful guidance to prospective applicants without requiring the completion and submission of a full SAFETY Act application.

Pre-Submission Review

A pre-submission is a vehicle where applicants may submit a draft full application for OSAI review. This process allows OSAI to provide in-depth consultation to an applicant and is intended to aid application processing times.

Site Visits

Site visits allow OSAI to review operational aspects of a venue/facility. Applicant documentation provided is compared to the operational aspects observed. OSAI provides an out-brief to the applicant, on-site, following the site visit.

Public Outreach Events

Public outreach is often the first step in OSAI's engagement with a prospective applicant.

SAFETY Act Website

The SAFETY Act Website is used to register and submit applications as well as to receive official correspondence from OSAI.

www.safetyact.gov

Office of University Programs | Overview

OUP manages a complex and broad portfolio of scientific investment focused on the investigation, experimentation and evaluation of emerging science and technology in response to DHS Component needs.



CENTERS OF EXCELLENCE

The COE network is a consortium of hundreds of universities conducting ground-breaking research to address homeland security challenges.

EDUCATION AND WORKFORCE DEVELOPMENT

OUP initiatives educate and train the current and future homeland security workforce in science and engineering professions.

MINORITY SERVING INSTITUTIONS

OUP builds a cadre of university students and faculty who are well-qualified, diverse and ready to enter the homeland security workforce.

OUP | FY21 Centers of Excellence



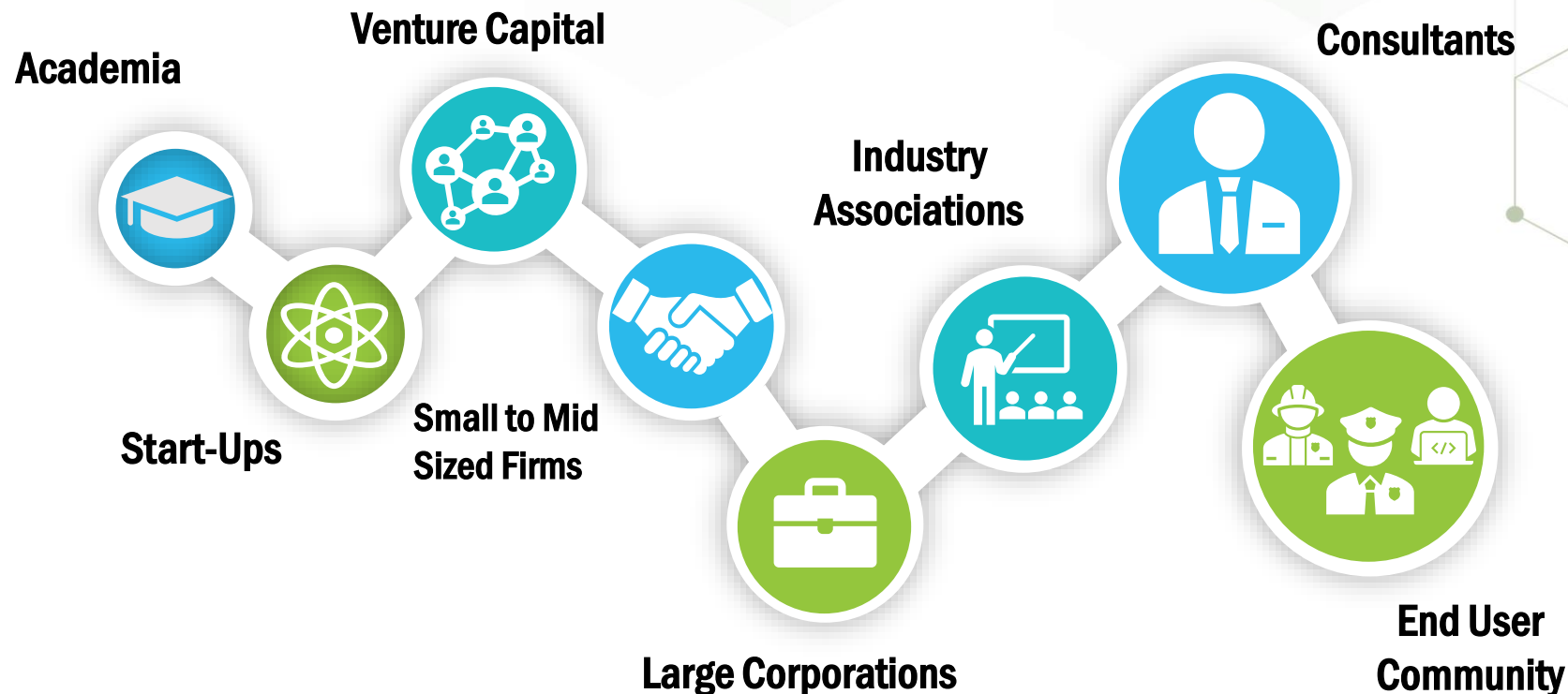
ESE
Coming Soon



DIVERSE PERSPECTIVES + SHARED GOALS = POWERFUL SOLUTIONS

OUP | Strategic Partnerships

OUP works to facilitate, build and leverage the innovation ecosystem to further project development.



DIVERSE PERSPECTIVES + SHARED GOALS = POWERFUL SOLUTIONS

Office of University Programs | Opportunities

- Masters of Business Administration in Science Technology Transition COE is accepting applications for its second cohort
 - The part-time (evening) program for working professionals is managed by George Washington University School of Business
 - The Cohort, made up of students from the government and private sector, will matriculate in January 2022
 - [MBA in Security Technology Transition | School of Business | The George Washington University \(gwu.edu\)](#)
- OUP is exploring ways to link our internship programs with the private sector

INDUSTRY PARTNERSHIPS

INCENTIVIZING INNOVATION TO DELIVER HOMELAND SECURITY SOLUTIONS



**Engaging
Industry**



**Incentivizing
Innovation**



**Delivering
Solutions**

Engaging With Industry To Solve Homeland Security Challenges

FIND YOUR INNOVATOR TYPE	INNOVATION FUNDING PROGRAMS AND TOOLS					
	TARGETED BAA	LRBAA	IN-Q-TEL	PRIZE	SVIP	SBIR
Medium to Large Businesses	✓	✓		✓		
Small Businesses*	✓	✓		✓	✓	✓
Entrepreneurs & Start-ups	✓	✓	✓	✓	✓	✓
National Labs, Recognized R&D Organizations	✓	✓		✓		
Academia	✓	✓		✓		
Private Citizens				✓		
International*	✓	✓	✓	✓	✓	

*Please refer to solicitation for specific eligibility requirements.

www.dhs.gov/science-and-technology/funding-innovation

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Industry Partnerships | Opportunities to Engage



SVIP Demo Week - Sept 14-17

<https://sri-csl.regfox.com/svip-demo-week>



Small Business Innovation Research Program

<https://sbir2.st.dhs.gov/portal/SBIR/>



Long Range Broad Agency Announcement

<https://bit.ly/LRBAATodayVideos>



Prize Challenges

www.challenge.gov



Industry Partnerships Resources

Work with S&T website

www.dhs.gov/science-and-technology/work-with-st

Current Opportunities

www.dhs.gov/science-and-technology/current-opportunities

Industry Outreach Form

<http://bit.ly/STINDUSTRYOUTREACHFORM>

INNOVATION PROGRAMS & T
WAYS TO WORK WITH U
ADVANCE TECHNOLOGY SO

Homeland Security
Science and Technology

Industry Guide
R&D Investment Priorities and Business

Homeland Security
Science and Technology

DEPARTMENT OF HOMELAND SECURITY SCIENCE & TECHNOLOGY DIRECTORATE
Industry Outreach Information Form

NOTE: Please DO NOT supply any business proprietary information. Answer all questions as thoroughly as possible, as this information is used to help determine the suitability of your company's capabilities to the current and future needs of S&T.

CONTACT INFORMATION

1. Business Name: _____

2. Business Street Address: _____ City: _____ State: _____ Zip Code: _____

3. Business Contact Information
Contact Phone Number: _____ Company Headquarters: ☐ Sub-Office: ☐

4. Company Website: _____ General Email Address: _____

5. How did you hear about S&T? _____

6. Company Classification (check all that apply):
☐ Large Business ☐ Small Business (SB) ☐ HUB Zone ☐ Veteran-Owned Business
☐ HUB Certified ☐ Service Disabled Veteran-Owned SD ☐ Veteran-Owned ☐ Woman-Owned SD
☐ Other than Small Business: _____

7. Is your product or a Government-wide acquisition Contract or any Federal Institute/Service Institute/Quinto Contract? ☐ Yes ☐ No

8. Is your company currently doing business with DHS? ☐ Yes ☐ No
If yes, please provide name of DHS agency/person: _____

9. Have you met with a S&T program office representative within the last twelve months? ☐ Yes ☐ No
If yes, please provide name: _____

10. Describe your past experience working with DHS S&T (Vendor, Supplier, Performer, Grantee, etc.): _____

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scitech.dhs.gov



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@dhsscitech

Collaborate with Us

S&T's Collaboration website

www.dhs.gov/science-and-technology/collaboration

SAFETY Act

www.safetyact.gov

Office of University Programs

www.dhs.gov/science-and-technology/office-university-programs

Office of Industry Partnerships

www.dhs.gov/science-and-technology/office-public-private-partnerships